

Serial No. 09/804,198

3 a base for supporting the motor,  
4 the base provided at a central portion of a frame and supported at the central  
5 portion of the frame by means of stays; and  
6 a chamber for accommodating electrical components formed in the  
7 base, the back portion of the chamber is adapted to be sealed by a removable  
8 cover.

1 2 (Amended). A blower having an impeller adapted to be rotated by means of a  
2 motor, comprising

3 a base for supporting the motor,  
4 the base provided at a central portion of a frame and supported at the  
5 central portion of the frame by means of stays;

6 a bearing apparatus for supporting a central portion of the impeller, the  
7 bearing apparatus including:

8 a sleeve,

9 a stepped shaft including a larger diameter portion and a reduced  
10 diameter portion,

11 a first raceway formed around an outer peripheral surface of the larger  
12 diameter portion,

13 a second raceway formed on an inner peripheral surface of the sleeve so as to  
14 correspond with the first raceway,

15 balls of a first row interposed between the first and second raceways,

Serial No. 09/804,198

16 an inner ring fit over the reduced diameter portion of the shaft and secured  
17 thereto,

18 a third raceway formed around an outer peripheral surface of the inner ring,  
19 a fourth raceway formed on the inner peripheral surface of the sleeve  
20 so as to correspond with the third raceway,

21 balls of a second row interposed between the third and fourth raceways, and  
22 a chamber for accommodating electrical components formed in the  
23 base,

24 the chamber having an opening at a rear portion thereof,

B2 25 wherein the rear opening of the chamber is occluded by a cover detachably  
26 mounted on the base.

1 3 (Amended). A blower having an impeller adapted to be rotated by means  
2 of a motor comprising:

3 a base for supporting the motor, the base is provided and supported at the  
4 central portion of a frame by means of stays; and

5 a chamber for accommodating electrical components formed in the base,  
6 the back portion of the chamber is adapted to be sealed by a removable cover,

7 wherein the chamber is formed by the base having a flange extending  
8 backward from the outer periphery thereof to form a cylindrical body with a  
9 bottom, the chamber having an opening at the rear thereof, and the rear opening of  
10 the base is occluded by the cover detachably mounted by screws on the base.

A

Serial No. 09/804,198

1 4 (Amended). A blower having an impeller adapted to be rotated by means  
2 of a motor comprising:

3 a base for supporting the motor, the base is provided and supported at the  
4 central portion of a frame by means of stays;

5 a bearing apparatus for supporting a central portion of the impeller, the  
6 bearing apparatus including:

7 a sleeve,

B2  
8 a stepped shaft including a larger diameter portion and a reduced diameter  
9 portion,

10 the first raceway formed at an appropriate position around the outer  
11 peripheral surface of the larger diameter portion,

12 the second raceway formed on an inner peripheral surface of the sleeve so  
13 as to correspond with the first raceway,

14 balls of a first row interposed between the first and second raceways,

15 an inner ring fit over the reduced diameter portion of the shaft and secured  
16 thereto,

17 the third raceway formed around an outer peripheral surface of the inner  
18 ring,

19 the fourth raceway formed on the inner peripheral surface of the sleeve so  
20 as to correspond with the third raceway,

A

Serial No. 09/804,198

21 balls of a second row interposed between the third and fourth raceways,  
22 and  
23 a chamber for accommodating electrical components formed in the base,  
24 the back portion of the chamber is adapted to be sealed by a removable cover,  
25 wherein the chamber is formed by the base having a flange extending  
26 backward from the outer periphery thereof to form a cylindrical body with  
27 a bottom, the chamber having an opening at the rear thereof, and the rear  
28 opening of the base is occluded by the cover detachably mounted by screws  
29 on the base.

sub. 63  
1 6 (New). A blower having an impeller adapted to be rotated by means of a  
2 motor, comprising:  
3 a base for supporting the motor,  
4 the base provided at a central portion of a frame and supported at the central  
5 portion of the frame by means of stays; and  
6 a chamber for accommodating electrical components formed in the base,  
7 the chamber having an opening at a rear portion thereof,  
8 wherein the rear opening of the chamber is occluded by a cover  
9 detachably mounted on the base.

C  
7 (New). The blower as claimed in claim 6, wherein the rear portion of the  
chamber is at a downwind side of the blower.

Serial No. 09/804,198

Sub. B4

- 1 8 (New). The blower as claimed in claim 6, wherein the chamber is formed  
2 by the base having a flange extending backward from the outer periphery thereof  
3 to form a cylindrical body with a bottom.

a<sup>2</sup>  
c<sub>1</sub>

- 9 (New). The blower as claimed in claim 2, wherein the rear portion of the  
chamber is at a downwind side of the blower.

Sub. B5

- 1 10 (New). The blower as claimed in claim 2, wherein the chamber is formed  
2 by the base having a flange extending backward from the outer periphery thereof  
3 to form a cylindrical body with a bottom.

Serial No. 09/804,198

*Marked Up Copy of Rewritten Claims*

1 1 (Amended). A blower having an impeller adapted to be rotated by means of  
2 a motor, comprising:

3 a base for supporting the motor,

4 the base [is] provided at a central portion of a frame and supported at the  
5 central portion of [a] the frame by means of stays; and

6 a chamber for accommodating electrical components formed in the  
7 base, the back portion of the chamber is adapted to be sealed by a removable  
8 cover.

1 2 (Amended). A blower having an impeller adapted to be rotated by means of a  
2 motor, comprising

3 a base for supporting the motor,

4 the base [is] provided [~~and supported at the~~] at a central portion of a frame  
5 and supported at the central portion of the frame by means of stays;

6 a bearing apparatus for supporting a central portion of the impeller, the  
7 bearing apparatus including:

8 a sleeve,

9 a stepped shaft including a larger diameter portion and a reduced  
10 diameter portion,

11 [the] a first raceway formed [at an appropriate position] around [the] an  
12 outer peripheral surface of the larger diameter portion,

Serial No. 09/804,198

13 [the] a second raceway formed on an inner peripheral surface of the sleeve so as  
14 to correspond with the first raceway,

15 balls of a first row interposed between the first and second raceways,

16 an inner ring fit over the reduced diameter portion of the shaft and secured  
17 thereto,

18 [the] a third raceway formed around an outer peripheral surface of the inner  
19 ring,

20 [the] a fourth raceway formed on the inner peripheral surface of the  
21 sleeve so as to correspond with the third raceway,

22 balls of a second row interposed between the third and fourth raceways, and

23 a chamber for accommodating electrical components formed in the  
24 base, [the back portion of the chamber is adapted to be sealed by a removable  
25 cover]

26 the chamber having an opening at a rear portion thereof.

27 wherein the rear opening of the chamber is occluded by a cover detachably  
28 mounted on the base.

1 3 (Amended). [The blower as claimed in claim 1] A blower having an  
2 impeller adapted to be rotated by means of a motor comprising:

3 a base for supporting the motor, the base is provided and supported at the  
4 central portion of a frame by means of stays; and

A

Serial No. 09/804,198

5 a chamber for accommodating electrical components formed in the base,  
6 the back portion of the chamber is adapted to be sealed by a removable cover,

7 wherein the chamber [for accommodating electrical components] is formed  
8 by the base having a flange extending backward from the outer periphery  
9 thereof to form a cylindrical body with a bottom, the chamber having an opening  
10 at the rear thereof, and the rear opening of the base is occluded by the cover  
11 detachably mounted by screws on the base.

1 4 (Amended). [The blower as claimed in claim 2] A blower having an  
2 impeller adapted to be rotated by means of a motor comprising:

3 a base for supporting the motor, the base is provided and supported at the  
4 central portion of a frame by means of stays;

5 a bearing apparatus for supporting a central portion of the impeller, the  
6 bearing apparatus including:

7 a sleeve,

8 a stepped shaft including a larger diameter portion and a reduced diameter  
9 portion,

10 the first raceway formed at an appropriate position around the outer  
11 peripheral surface of the larger diameter portion,

12 the second raceway formed on an inner peripheral surface of the sleeve so  
13 as to correspond with the first raceway,

14 balls of a first row interposed between the first and second raceways,



Serial No. 09/804,198

15 an inner ring fit over the reduced diameter portion of the shaft and secured

16 thereto,

17 the third raceway formed around an outer peripheral surface of the inner

18 ring,

19 the fourth raceway formed on the inner peripheral surface of the sleeve so

20 as to correspond with the third raceway,

21 balls of a second row interposed between the third and fourth raceways,

22 and

23 a chamber for accommodating electrical components formed in the base,

24 the back portion of the chamber is adapted to be sealed by a removable cover,

25 wherein the chamber [for accommodating electrical components] is formed

26 by the base having a flange extending backward from the outer periphery

27 thereof to form a cylindrical body with a bottom, the chamber having an

28 opening at the rear thereof, and the rear opening of the base is occluded

29 by the cover detachably mounted by screws on the base.